

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Wilson et al.**

Application No.: **Not Yet Assigned**

Group Art Unit: **Not Yet Assigned**

Filed: **Concurrently Herewith**

Examiner: **Not Yet Assigned**

For: **A<sub>1</sub> ADENOSINE RECEPTOR ANTAGONISTS**

Date: February 17, 2004

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP. No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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Lyndsey D. Hall, CP  
Certified Paralegal

<p>Substitute form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Wilson
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	5623-13

<b>U.S. PATENTS AND PATENT PUBLICATIONS</b>					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	1	5,719,279		Kufner-Muhl et al.	02-17-1998
	2	5,786,360		Constance Neely	07-28-1998
	3	2002/0058667		Castelhano et al.	05-16-2002

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)		

<b>OTHER NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T
	4	<i>BELARDINELLI ET AL., 1, 3-Dipropyl-8-[2-(5, 6-Epoxy)Norbornyl]Xanthine, a Potent Specific and Selective A<sub>1</sub> Adenosine Receptor Antagonist in the Guinea Pig Heart and Brain and in DDT ,MF-2 Cells, The Journal of Pharmacology and Experimental Therapeutics, Vol. 276, No. 2:1167-1176 (1995)</i>					
	5	<i>BEAUGLEHOLE ET AL., New Irreversible Adenosine A<sub>1</sub> Antagonists Based on FSCPX, Bioorganic and Medicinal Chemistry Letters, 12:3179-3182 (2002)</i>					
	6	<i>BEAUGLEHOLE ET AL., Fluorosulfonyl-Substituted Xanthines as Selective Irreversible Antagonists for the A<sub>1</sub>-Adenosine Receptor, J. Med. Chem. 43:4973-4980 (2000)</i>					
	7	<i>SONJA HESS, Recent Advances in Adenosine Receptor Antagonist Research, Expert Opinion, Ashley Publications, 1354-3776 (2001)</i>					
	8	<i>JACOBSON ET AL., Adenosine Receptors: Pharmacology, Structure-Activity Relationships, and Therapeutic Potential, Journal of Medicinal Chemistry, Vol. 35, No. 3:407-422 (February 7, 1992)</i>					
	9	<i>KURODA ET AL., Design, Synthesis and Biological Evaluation of a Novel Series of Potent, Orally Active Adenosine A<sub>1</sub> Receptor Antagonists with High Blood-Brain Barrier Permeability, Chem. Pharm. Bull., 49:988-998 (2001)</i>					
	10	<i>NICOT ET AL., High-Performance Liquid Chromatographic Method for the Determination of Bamifyline and its Three Metabolites in Human Plasma, Journal of Chromatography, 277:239-249 (1983)</i>					
	11	<i>NOVELLINO ET AL., Design, Synthesis and Biological Evaluation of Novel N-Alkyl-and N-Acyl-(7-<i>substituted-2-2-phenylimidazo[1,2-a] [1,3,5] triazxin-4-yl] amines (ITAs) as Novel A<sub>1</sub> Adenosine Receptor Antagonists, J. Med. Chem. 45:5030-5036 (2002)</i></i>					
	12	<i>SACCHI ET AL., Research on Heterocyclic Compounds. Part XXXVI. Imidazo[1,2-a]pyrimidine-2-acetic derivatives: synthesis and anti-inflammatory activity, Eur. J. Med. Chem., 32:677-682 (1997)</i>					
	13	<i>SCAMMELLS ET AL., Substituted 1,3-Dipropylxanthines as Irreversible Antagonists of A<sub>1</sub> Adenosine Receptors, J. Med. Chem. 37:2704-2712 (1994)</i>					
	14	<i>VAN MUIJLWIJK-KOEZEN ET AL., Synthesis and Use of FSCPX, an Irreversible Adenosine A<sub>1</sub> Antagonist, as a 'Receptor Knock-Down' Tool, Bioorganic &amp; Medicinal Chemistry Letters, 11:815-818 (2001)</i>					
	15	<i>VAN GALEN ET AL., A Model for the Antagonist Binding Site on the Adenosine A<sub>1</sub> Receptor, Based on Steric, Electrostatic, and Hydrophobic Properties, J. Med. Chem., 33:1708-1713 (1990)</i>					
	16	<i>VAN TILBURG ET AL., Subsited 4-Phenyl-2-(phenylcarboxamido)-1,3-thiazole Derivatives as Antagonists for the Adenosine A<sub>1</sub> Receptor, Bioorganic &amp; Medicinal Chemistry Letters, 11:2017-2019 (2001)</i>					
	17	<i>WILSON ET AL., Lipopolysaccharide Binds to and Activates A<sub>1</sub> Adenosine Receptors on Human Pulmonary Artery Endothelial Cells, Journal of Endotoxin Research, Vol. 8, No. 4:263-271 (2002)</i>					

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.